Business Objects



5.1.9 Installation Guide



Business Objects Installation Guide

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Printed in the United States of America Version 5.1.9 March 2005

Contact Us

Please send your comments to

Computer Guidance Corporation 15035 N 75th Street Scottsdale, AZ 85260

Or call our Business Objects support staff

1-800-952-2002, extension 7

For Business Objects training, please contact Steve Gross at 1-480-44-7000, extension 7026 or visit the Computer Guidance Corporation web site at www.computer-guidance.com for a complete schedule of classes.



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This guide was designed to provide complete installation instructions that enable you to fully utilize the Business Objects suite of products and the CMS Universes while maximizing the security features required in today's business environment. Read this entire guide before beginning the installation.

Installation Checklist

- Read the installation guide before proceeding.
- Check system requirements.
- Install Supervisor on the supervisor's computer.
- Create a second Supervisor login profile.
- Create the BOMain Key.
- Create users for Business Objects.
- Install Business Objects on a client computer.
- Copy over the BOMain Key to the client computer.
- Download all Universes from the CGC web site to the Universe folder (e.g., C:\Program Files\Business Objects\Business Objects 5.1\Universe).
- Export the Universes to the Repository.
- Read the Release Notes on the Computer Guidance Corporation website.

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System Requirements

Hardware

- IBM[®]-compatible machine with a P4 processor with 1.2 GHTZ or higher
- At least 512 MB of RAM; 256 MB of RAM is recommended
- Hard drive with 10 GIG of disk space
- CD-ROM drive
- **Note** If using distributed Business Objects, it is recommended that the nodes communicate over a dedicated network to handle the extra network traffic. Verify that the Domain Name Service is properly configured.

Software

- Microsoft XP Service Pack 1 or Service Pack 2
- Microsoft Windows 2000 Professional Service Pack 3

MiddleWare and Network Requirements

The appropriate RDBMS MiddleWare must be installed to enable the client PC to connect to the Business Objects repository and corporate databases. If using distributed WebIntelligence, it is recommended that the nodes communicate over a dedicated network to handle the extra network traffic.

Operating Systems

Each machine using Business Objects must be properly configured as described below:

- Each machine must have the TCP/IP network protocol installed and working properly.
- Each machine must have the appropriate network protocol for the database MiddleWare installed and working properly. Database MiddleWares may use protocols such as TCP/IP, IPX/SPX or NetWare.
- The database MiddleWare must be installed and functioning properly.

Note Detailed information about installing TCP/IP, the database MiddleWare and the network protocol used by the database MiddleWare can be found in the administration manuals for the operating system and database.

CMS Requirements

CMS Release 3.4.0 or higher and current associated requirements (sheets).

AS/400 Requirements

The minimum AS/400 operating system requirement for RISC is release level V5R1.

It is highly recommended to operate at the latest AS/400 operating system PTF level. The chart below lists IBM PTFs by operating system. Be sure your operating system is running with these programs to avoid potential future issues.

IBM PTFs by Operating System

Cumulative					
V5R3	SI16496	Latest cumulative PTF package	12/09/2004		
V5R2	SI16136	Latest cumulative PTF package	11/17/2004		
V5R1	SI11806	Latest cumulative PTF package	04/30/2004		
Database/SQL					
V5R3	SI16496	Latest cumulative PTF package	12/09/2004		
V5R2	SI16136	Database/SQL group PTF	11/17/2004		
V5R1	SI11806	Database/SQL group PTF	04/30/2004		

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iSeries Access Express is an IBM product that provides client/server capabilities for connecting PCs to iSeries servers. iSeries Access Express must be installed before installing Business Objects on your server.

Note Before upgrading your current version of Client Access, open the ODBC Manager and delete the current Client Access, CMSFIL, and Repository connections.

To delete the current version of Client Access, CMSFIL, and Repository connections

- On the Windows Start menu, select Control Panel, select Administrative Tools, and then select Data Sources (ODBC).
- 2 On the System DSN tab, select CMSFIL, and then click Remove.

3 An ODBC Administrator appears, asking if want to remove the CMSFIL Data Source. Click Yes, and then click OK.

er DSN ystem Da	System DSN File DSN Drivers Tracing Con	nection Pooling About
Name	Driver	Add
CMSFIL Repoint	Client Access ODBC Driver (32-bit) ry Client Access ODBC Driver (32-bit)	Remove
		Configure
	An ODBC System data source stores information a	bout how to connect to
	on this machine including NT services	e is visible to all users

4 Repeat the same steps to delete the current **Repository** connection.

To install iSeries Access Express

5 Insert the Client Access Express CD in your CD-ROM drive.

If the installation does not automatically begin, in Windows Explorer, navigate to D:\iSeries Access Original Install Programs\V5R2\ (where D:\ is your CD-ROM drive), and then double-click SETUP.EXE.

The Upgrade Client Access Express message box appears.

Upgrade	Client Access Express
?	You are about to upgrade Client Access Express from V5R1M0 to V5R1M0. Do you want to continue?
19	<u>Yes</u> <u>N</u> o

6 In the Upgrade iSeries Access Express message box, click Yes.

The Upgrade Client Access Express window opens.



7 Click Next.

The License Information window appears.



8 Click Yes.

The Building List of Components window displays with a progress indicator.



The Type of Upgrade window displays after the list of components is built.



9 Click Basic Upgrade.

The Restricted Components window displays.



10 Click Next.

The File Copy progress indicator box displays.

Express Required Programs: Copying files c\program files\ibm\client access\mri2924\cwbsom33.dll
10 %
Cancel

11 The Start Upgrade window displays.



Uninstall Client Access Express.

Uninstall Clie	ent Access Exp	ress	\times
Components to	o uninstall:		
MAPI			
	Uninstan	Cancel	

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Once the files are copied, the Upgrade Completed window displays.



12 Select the desired options and click Next.

The Restart Computer window displays.

Setup has finished upgrading Client Access Express on your computer. Before you can use the Client Access Express upgrade you will need to restart your computer. You can restart your computer now, or restart it later. In order to complete setup the same user must sign on after restarting Windows.
 Yes, I want to restart my computer now. No, I will restart my computer later.
< <u>B</u> ack Finish

Installing Client Access/iSeries Access Express

13 Click **Yes** to restart your computer now or **No** to restart your computer later, and then click **Finish**.



After installing iSeries Access Express, you must install the latest service pack before installing Business Objects.

To download and install the iSeries Access Service Pack

 Create a folder named Client Access Installation on the Desktop. To do this, right-click on the Desktop, point to New, and then click Folder. Name the folder Client Access Installation.

This folder will contain the installation files.

2 On the Start menu, point to Programs, point to IBM AS400 iSeries Access Express, and then click Internet Information.

The iSeries Access Express window displays.



- 3 Click AS/400 iSeries Access in the top left corner.
- 4 Depending on your iSeries Access version, click the **SI number** in the table that corresponds to your Client Access version.

For example, if you have V5R3 loaded on your machine, click the SI number next to V5R3.

Note The service level number on the web site may be higher than what is listed in this example.

The Downloads window displays.



5 Click the .exe file.

The File Download window displays.

File Download 🛛 🔀				
?	Some files can harm your computer. If the file information below looks suspicious, or you do not fully trust the source, do not open or save this file.			
	File name: SI08894.EXE			
	File type: Application			
	From: ftp.software.ibm.com			
	This type of file could harm your computer if it contains malicious code.			
	Would you like to open the file or save it to your computer?			
	Open Save Cancel More Info			
	Always ask before opening this type of file			

Installing iSeries Access Service Pack

6 Click **Save**, and then save the file in the iSeries Access Installation folder on your Desktop.

The Download Status window displays.



7 On the **Desktop**, in the **Client Access Installation** folder, doubleclick **.exe** file.



In the following example, the file is named SI08894.exe.

- 8 In the iSeries Access Installation folder, double-click the Setup.exe file.
- 9 The iSeries Access for Windows Service Pack Installation begins. Click **Next** after this.

🕲 iSeries Access for Windows Service Pack SI08894 (full image) - Install 🔀				
	This download package will expand the full service pack image for VSR 2M0 iSeries Access for Windows into the directory of your choice. After expansion completes, the service pack install wizard will automatically launch. If you do not want to install the service pack at this time on your PC, simply press Cancel on the first wizard panel. To install the service pack later, run setup . exe from the directory (for example, by double-clicking on setup.exe from Windows Explorer) to install the service pack on the PC.			
	< Back Next > Cancel			

10 Select Unpack the Files Used to Perform.



11 A message box opens that prompts you that contents of this package are being extracted.

Extracting Files The contents of this package	are being ex	tracted.		24
Please wait while the InstallSh Access for Windows Service P take a few moments.	ield Wizard e ack SI08894	xtracts the file (full image) on	s needed to inst your computer.	all iSeries This may
Extracting SERVICE.LVL				

The Start Copying Files window appears after the list of components is built.

Start Copying Files	
	Setup has enough information to start copying iSeries Access for Windows Service Pack files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files. Current Settings:
	Selected components: Required Programs Optional Components Incoming Remote Command iSeries Navigator Base Support Basic Operations Configuration and Service Network Security Database
	< Back Next > Cancel

Click Next.

12 The Copying Files progress indicator box displays.

Install Support: Copying files c:\program files\ibm\client access\cwbinssp.ins	
79 %	
Cancel	

13 Setup completed. Once the files are copied, the Setup Complete window displays.

Setup Completed	
	iSeries Access for Windows Service Pack Setup is now complete.
	< Back Finish

14 Click **Yes** to restart your computer now or **No** to restart your computer later, then click **Finish**.



To install Business Objects, you must first create two connections to two databases. The first connection is to the library where the repository will be installed, and is explained in "<u>Creating a Connection to the Repository</u>" on page 22. Once you have completed all the steps in that section to connect to the Repository, you must follow the instructions in "<u>Creating a Connection to the CMSFIL Data Source</u>" on page 29 to create the second connection to the CMSFIL data source.

- CMSFIL Corporate database
- CGCUNV51 Repository

Creating a Connection to the Repository

- 1 On the Start menu, point to Settings, and then click Control Panel.
- 2 On the Control Panel window, open Administrative Tools, and then open Data Sources (ODBC).

The ODBC Data Source Administrator opens.

🔊 ODBC D	ata Source /	dministra	tor		? 🔀
User DSN	System DSN	File DSN 0	Drivers Tracing	Connection Poo	ling About
System D	ata Sources:				
Name	Driver				Add
					Remove
					Configure
				_	
1					
3	An ODBC Sy the indicated on this mach	stem data sou data provider ne, including	rce stores informa . A System data NT services.	ation about how to source is visible to	connect to all users
				1	
	_	OK	Cancel	Apply	Help

In the example above, the System DSN tab is shown. Normally, when you open the ODBC Data Source Administrator, the User DSN tab is active

3 On the System DSN tab, click Add.

The Create New Data Source window opens.



4 Select iSeries Access ODBC Driver, and then click Finish.

The iSeries Access for Windows ODBC Setup dialog box opens.

eries Access for Windows ODBC Setup	$ \times $
General Server Packages Performance Language Catalog Translation Diagnostic	-1
Data source name:	
Repository	
Description:	
Series Access for Windows ODBC data source	
Sustany	
101118	
OK Cancel Apply Help	

- 5 In the iSeries Access for Windows ODBC Setup dialog box, on the General tab, perform the following:
 - In the Data Source Name box, enter Repository. а
 - b In the AS/400 System drop-down list, enter the iSeries IP address.

In the example above, the AS/400 System IP address is 10.1.1.18.

c Click Connection Options, and then under Default User ID, select Use the user ID specified below.

Important Do not specify a user ID.

Connection options	×
Default user ID:	
C Use Windows user name	
C Use the user ID specified below	
C None	
C Use Operations Navigator default	
Signon dialog prompting:	
Prompt for SQLConnect if needed	
Never prompt for SQLConnect	
Security:	
O Do not use Secured Sockets Layer (SSL)	
O Use Secured Sockets Layer (SSL)	
Use same security as Operations Navigator connection	
OK Cancel Help	

- d Under Signon dialog prompting, select Prompt for SQLConnect if needed.
- e Under Security, select Use same security as Operations Navigator connection, and then click OK.
- 6 In the iSeries Access for Windows ODBC Setup dialog box, on the Server tab, perform the following:

In the Naming convention drop-down list, select SQL а naming convention (*SQL).

iSeries Access for Windows ODBC Setup	? 🔀
General Server Packages Performance Language Catalog Translation Diagnostic	
Naming convention: SQL naming convention ("SQL)	
SQL default library: CGCUNV51	
Library list:	_
Connection type: ReadAv/rite (all SQL statements allowed) Read/Call (Select and Call statements allowed) Read-Only (Select statements only)	
Override default database with the following:	
Advanced	
OK Cancel Apply H	lelp

- **b** In the SQL default library box, enter CGCUNV51.
- Under Connection Type, select Read/Write (all SQL С statements allowed).

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d Click Advanced, and then in the Advanced server options dialog box, in the Commit Mode drop-down list, select Commit immediate (*NONE), and then click OK.

Advanced server options	
Commit mode: Commit immediate ("NONE)	
Time	
hh:mm:ss (*HMS)	
Separator:	
: (colon)	
_ D.vo.	
Format	
yyyy-mm-dd (*ISO)	
Separator:	
- (dash)	
Separator:	
. (period)	
Maximum precision (31 or 63):	
Maximum scale (0-63):	
Minimum divide scale (0-9):	
0	
OK Cancel	Help

- Note Leave all other defaults on the Advanced server options dialog box.
- In the iSeries Access for Windows ODBC Setup dialog box, е on the Packages tab, clear the Enable extended dynamic (package) support check box.

When you clear this check box, all other options on the Packages tab become unavailable.

iSeries Access for Window	s ODBC Setup	? 🗙
General Server Packages	Performance Language Catalog Translation Diagnostic	
Enable extended dynamic	(package) support	
Default package settings-		
Package library:		
JQGPL	Cache package locally	
Package usage	Return code for unusable package	
(e) Use/add	Warning C Ignore	
	Customize settings per application	
<u></u>		
	OK Cancel Apply	Help

7 Click **OK**, and continue to "<u>Creating a Connection to the CMSFIL Data</u> <u>Source</u>" on page 29.

Creating a Connection to the CMSFIL Data Source

This section explains how you create a connection to the CMSFIL data source after you have followed the steps in "Creating a Connection to the Repository" on page 22.

To create a connection to the CMSFIL data source

1 In the ODBC Data Source Administrator, on the System DSN tab, click Add.

The Create New Data Source dialog box opens.

Create New Data Source	
Select a driver for which you want to set up a data sou Name Client Access ODBC Driver (32-bit) Driver da Microsoft Para arquivos texto (*.txt; *.csv) Driver do Microsoft Access (*.mdb) Driver do Microsoft Rexel(*.uls) Driver do Microsoft Paradox (*.db) Driver do Microsoft Paradox (*.db) Driver do Microsoft Paradox (*.db) Driver para o Microsoft Visual FoxPro Neries Access DDBC Driver Microsoft Access Driver (*.mdb) Microsoft Access Driver (*.mdb)	arce.

2 On the Create New Data Source dialog box, select iSeries Access ODBC Driver, and then click Finish.

- 3 On the **ODBC Setup** window, on the **General** tab, perform the following:
 - a In the Data Source Name box, enter CMSFIL.
 - **b** In the **AS/400 System** drop-down list, enter the iSeries IP address.

In the example below, the AS/400 IP address is 10.1.1.18.

iSeries Access for Windows ODBC Setup	?×
General Server Packages Performance Language Catalog Translation Diagnostic	- I
Data source name:	
CMSFIL	
Description:	
iSeries Access for Windows ODBC data source	
System:	
10.1.1.18 Connection Options	
OK Cancel Apply H	elp

c Click Connection Options, and then under Default User ID, select Use the user ID specified below.

Important Do not specify a user ID.

Connection options	×
Default user ID:	
C Use Windows user name	
C Use the user ID specified below	
C None	
C Use Operations Navigator default	
Signon dialog prompting:	
Prompt for SQLConnect if needed	
C Never prompt for SQLConnect	
Security:	
O Do not use Secured Sockets Layer (SSL)	
O Use Secured Sockets Layer (SSL)	
O Use same security as Operations Navigator connection	
OK Cancel Help	

- d Under Signon dialog prompting, select Prompt for SQLConnect if needed.
- e Under Security, select Use same security as Operations Navigator connection, and then click OK.
- 4 Click the **Server** tab, and then perform the following:
 - In the Naming convention drop-down list, select SQL а naming convention (*SQL).

b In the SQL default library box, enter CMSFIL.

iSeries Access for Windows ODBC Setup	? 🗙
General Server Packages Performance Language Catalog Translation Diagnostic	1
Naming convention: SQL naming convention (*SQL)	
SQL default library:	
Library list:	
Connection type: Read/w/rite (all SQL statements allowed)	
 Read/Call (Select and Call statements allowed) Read-Only (Select statements only) 	
Override default database with the following:	
Advanced	
OK Cancel Apply H	lelp

c Under Connection Type, select Read/Write (all SQL statements allowed).
d Click Advanced, and then in the Advanced server options dialog box, in the Commit Mode drop-down list, select Commit immediate (*NONE), and then click OK.

Advanced server options	
Commit mode:	
Commit immediate ("NONE)	
Time	
Format:	
Separator	
: (colon)	
Date	
Format:	
yyyy-mm-dd (1SO)	
Separator:	
- (dash)	
Decimal properties	
Separator:	
j. (period)	
Maximum precision (31 or 63): 31	
Maximum scale (0-63):	
31	
Minimum divide scale (0-9):	
OK Cancel Hel	P

- Note Leave all other defaults on the Advanced server options dialog box.
- In the iSeries Access for Windows ODBC Setup dialog box, е on the **Packages** tab, clear the **Enable extended dynamic** (package) support check box.

When you clear this check box, all other options on the Packages tab become unavailable.

iSeries Access for Windows	s ODBC Setup	?×
General Server Packages	Performance Language Catalog Translation Diagnostic	1
Enable extended dynamic (Default package settings Package library: QGPL	(package) support	
Package usage C Use C Use/add	Return code for unusable package C Error G Warning C Ignore	
	Customize settings per application	
	OK Cancel Apply H	lelp

f Click Apply, and then click OK.

When you click OK, you return to the ODBC Data Source Administrator, which displays the new data sources you just created: CMSFIL and Repository.

- 5 In the ODBC Data Source Administrator, click OK.
- 6 If open, close the **Administrative Tools** window.



Your product key determines the modules that will be installed, which includes Supervisor. Also, before you install Business Objects, close all open applications.

To install Supervisor/Business Objects

1 Insert the Business Objects disk into your CD-ROM drive.

The installation program automatically starts and the Welcome to Business Objects Setup window appears.



If the Welcome to Business Objects Setup window does not automatically open, in Windows Explorer, navigate to D:\Vol1\Setup (where D:\ is your CD-ROM drive), and then double-click Setup.exe. 2 On the Welcome to Business Objects Setup window, select Desktop Products, and then click Begin.

The Installation Overview window opens.



3 Click Next.

The User Information window appears.



- 4 On the **User Information** window, perform the following:
 - a In the Enter your full name box, enter a valid name.

In the example above, the full name is Bruce Banner and the organization name is Computer Guidance Corporation.

b In the **You may also enter the name of your organization** box, enter the name of your organization, and then click **Next**.

The Licensing Information window opens.

Business Ob	iects Setur	o - Step 2

Licensing Information Please enter your license keys. Product Key: Data Access Key:	
< <u>B</u> ack <u>N</u> ext >	Cancel

- 5 On the **Licensing Information** window, perform the following:
 - a In the **Product Key** box, enter a valid product key.
 - b In the Data Access Key box, enter the data access key.

The data access key is listed on the Welcome letter included with the Business Objects CD. As mentioned earlier, the product key and data access key you enter here determine which Business Objects modules are installed.

Click Next.

The Business Objects Setup - License Agreement window appears.



6 Read the Business Objects license agreement carefully, and then click **I Agree**.

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The Choose Setup Profile window appears.



7 On the Choose Setup Profile window, under Available Setup Profiles, select Stand-alone, and then click Next.

The Choose Installation Profile window appears.

-

Choose Installation Profile Vou need to specify the type of installation you want to set up. Choose one of the following: • Available Installation Profiles: • Express • Minimal • Eustom This option lets you select the Business Objects products and modules you want to install.
< <u>B</u> ack <u>N</u> ext> Cancel

8 On the Choose Installation Profile window, under Available Installation Profiles, click Custom, and then click Next.

The Choose Installation Folders window opens.



- 9 On the Choose Installation Folders window, perform the following:
 - a If you do not want to use the default folder listed, next to the **Main Business Objects folder,** click **Browse**, and then select a folder for the installation.
 - **b** If you do not want to use the default subfolders, click **Others**, and then select the appropriate subfolders for the installation
 - C Click Next.
- **10** If the message appears stating the folder does not exist, click **Yes**.

The Choose Products and Modules window appears.



- **Note** Your installation product key defaults to the modules your company purchased. Adding modules requires an additional product key.
- 11 On the Choose the Products and Modules window, perform the following:
 - a Ensure that Business Objects is selected.

Depending on the product key you entered earlier, Business Objects should already be selected. If not, when you select Business Objects, you must enter the Business Objects license key when prompted.

b If you are installing to the Supervisor's computer, ensure that **Supervisor** is selected.

Similar to Business Objects, depending on the license key you entered earlier, Supervisor should already be selected. If not, when you select Supervisor, you must enter the Supervisor license key when prompted.

c Select **Languages** to install a different language than English (default) for the regional settings.

If more than one language is installed, you can select the interface language from within the application that you want to use.

d Expand Data Access Packs, and then ensure that only Generic ODBC and DB2 are selected.



e Click Next.

The Business Objects Setup Close Applications window displays.

Busine	ss Objects Setup
32	We recommend you close all applications before proceeding.
Your sys By defau	tem may have more recent files (DLL) then those provided by BusinessDbjects. &, Setup will not overwrite these files.
F Promp	t me if more recent versions of files (DLL) are detected on my system.
	COK.

Note Do *ot* select the box to prompt for more recent versions of files.

12 Click OK.

The Business Objects Setup progress indicator appears.

Business Objects Setup	
Initializing installation	Stop

All required files are copied during the installation. Do not interrupt this process.

13 When you are prompted to view the README, click **Yes** to display the README file.



You can view related information on the Business Objects Web page. Go to <u>www.businessobjects.com</u>.

- **14** Close the README.
- 15 When you are prompted to check MiddleWare, click Yes.

Business	Objects Setup		×
	Check MiddleWare	Yes	No

The MiddleWare utility checks the Business Objects drivers that were installed. Although this step is not required, we recommend that you check MiddleWare for the Client Access Connection.

16 When the Installation was successful message appears, click OK.

Objects Setup	×
Installation was successful.	
	Objects Setup Installation was successful.

Installing Supervisor/Business Objects

Congratulations! You have successfully installed Business Objects. If you are a new user, we recommend you take the Business Objects Quick Tour located in the Business Objects folder.

17 Close all open windows.



The process of creating a Business Objects repository actually involves the following step:

1 "Creating an Empty Repository on the AS/400"

Creating an Empty Repository on the AS/400

Follow the procedure below to create the empty repository to which users will connect.

To create the AS/400 Business Objects Repository

- 1 In an AS/400 session, on the **Sign On** screen, in the **User** field, type the user name required to access the AS/400.
- 2 In the **Password** field, type the password required to access the AS/400, and then press **Enter**.

The AS/400 Main Menu screen appears.



- 3 On the AS/400 Main Menu screen, on the command line, type CRTLIB CGCUNV51, and then press Enter.
- 4 Leave the AS/400 session open, and continue to "<u>Building the</u> <u>Business Objects Repository</u>" on page 47.

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1 On the Start menu, point to Programs, select Business Objects 5.1, and then click Supervisor.

The User Identification dialog box appears.

User Identification	2
Enter your name and p	assword to log in.
User Name:	OK.
Password:	Cancel
	Help

- 2 The User Identification dialog box, perform the following:
 - a In the User Name box, type GENERAL.

You must type GENERAL exactly as it appears here in uppercase letters.

b In the **Password** box, type **SUPERVISOR**.

You must type SUPERVISOR exactly as it appears here in uppercase letters.

- c Click Admin.
- **Note** If you have already installed Business Objects and upgraded Client Access, or changed connections, you should perform a safe recovery.

The Administration Setup Wizard - Welcome window appears.



3 On the Administration Setup Wizard - Welcome window, click Begin.

The Choose Setup Configuration window opens.



- 4 On the Choose Setup Configuration window, select Run a safe recovery, and then click Click Next.
- **Note** If you are performing an **upgrade**, **Run a safe recovery** and then skip step five.

Proceed directly to step six, on page 50.

The Define the General Supervisor window opens.

Administration Setup Wizard - S	 Step 2/5 Define the General Supervisor You must identify the supervisor to secure your environment. Enter the supervisor name BACKDOOR Enter the supervisor password secure confirm the supervisor password
	Enter the company name Computer Guidance Corporation Click Next to continue.
	< <u>B</u> ack <u>N</u> ext > Cancel

- **5** On the **Define the General Supervisor** window, perform the following:
 - a In the Supervisor Name box, type BACKDOOR.
 You must type BACKDOOR exactly as it appears here in uppercase letters.
 - In the Supervisor Password box, type backdoor.
 You must type backdoor exactly as it appears here in lowercase letters.
 - c In the Company Name box, enter the company name.
 - d Click Next.
- **Note** If you are performing a safe recovery, you **will not** see this dialog box.

The Define the Repository Connection window opens.



6 On the **Define the Repository Connection** window, click **Setup**. The IBM Client Access for AS400 dialog box opens.

ame: Repository Connection		Database engine: DB2/400 V5	-
Login Parameters		,	
	🔲 U <u>s</u> e BusinessOt	pjects user name and p	assword
Use <u>r</u> name:			ODBC Admin
Password:			
Data s <u>o</u> urce name:		•	<u>I</u> est

7 After each transaction:

- a Select the Advanced Tab.
- **b** Select **Disconnect** after each transaction (do not select **OK**).

50

c Then, select **Login**.

IBM Client Access for AS400	×
Login Advanced Custom	
Connection Properties C Keep the connection active du C Keep the connection active for C Keep the connection active for Disconnect after each transact	ring the whole session
Connection Mode C Use asynchronous mode C Use synchronous mode	Cost Estimate C Do not perform the cost estimate C Perform the cost estimate
Array fetch size: 50 📩	Owner name:
	OK Cancel Help

- 8 On the **IBM Client Access for AS400** dialog box, perform the following:
 - a In the Database Engine drop-down list, select DB2/400V5.

b In the **User Name** box, enter the AS/400 administrator user name.

IBM Client Access for	AS400		
Login Advanced Cus	tom		
Name:		Database engine:	
Repository Connection		DB2/400 V5	-
Login Parameters			
	🔲 Use BusinessO	bjects user name and p	assword
User name:	QSECOFR		ODBC Admin
Password:	*****		
Data source name:	Repository	-13	Test
		OK Cance	I Help

- **c** In the **Password** box, enter the AS/400 administrator password.
- d In the Data Source Name drop-down list, select Repository.

e Click **Test**, and when the Test Connection message box opens, click **OK** to close the message box.

epository Connection		Database engine: DB2/400 V5	•
Login Parameters			
Test Connecti	on		
Us 🚺 The ser Pa	ver is responding!	OK Details >>	
Data source name:	Repository	Te	st

f On the IBM Client Access for AS400 dialog box, click OK.

The Define the Repository Connection window opens.

Administration Setup Wizard - S	tep 3/5		
	Define the Repositor To build this repository, you reconnection to a relational datability repository, you must have write Select the network layer [IBM Client Access for AS44] Click Setup to define the Click Next to continue.	connection connection Connection Setup	tion
	< <u>B</u> ack	<u>N</u> ext >	Cancel

1

9 Click **Next** to begin the script execution.



10 On the Build the Repository screen, click Next.

The Congratulations window appears after the scripts are processed.



11 Click Next.

In the remaining steps, you create the BOMain key.

The Repository Access window appears.



- 12 On the Repository Access window, perform the following:
 - a Select In the LocData subfolder of the Business Objects folder.
 - **b** Accept the default key file **BOMain**.
 - C Click Next.

The Repository Access Complete window appears.



13 On the Repository Access Complete window, click Finish.

Close the application.



Granting Object Authority to the Repository

 In an AS/400 session, on a command line, type GRTOBJAUT CGCGUNV51, and then press ENTER to grant object authority to the new library.

The Grant Authority screen appears.

En En Una Conscience Attors window help En En En En Allen I and an I and a the Attor and an Attor			dose
Grant Object	Authority (G	RTOBJAUT)	
Type choices, press Enter.			
Object	*ALL CGCUNV51 *ALL *PUBLIC *CHANGE *LIBL *LIBL *ND	Name, generic*, *ALL Name, *LIBL, *CURLIB, *ALL *ALL, *ALRTBL, *BNDDIR Name, *PUBLIC *CHANGE, *ALL, *USE Name, *NONE Name Name, *LIBL, *CURLIB *OBJTYPE, *ALRTBL, *BNDDIR *NO, *YES	
F3=Exit F4=Prompt F5=Refresh F24=Nore keys Parameter DBJTYPE required.	F12=Cancel	Bottom F13≕How to use this display	
MA		08/044	

- 2 On the **Grant Authority** screen, perform the following:
 - a In the Object field, type *ALL.
 - b In the Library field, type CGCUNV51

Note Do not enter an asterisk in front of the library name.

- c In the Object Type field, enter *ALL.
- d In the Users field, type *PUBLIC.
- e In the Authority field, type *CHANGE.
- **f** Leave the **Authorization List** and **Reference Object Type** fields blank.
- g In the Library field, type *LIBL.
- h In the Reference Object Type field, type *OBJTYPE.

- i In the **Replace Authority** field, type ***NO**.
- j Press Enter.
- **3** Exit the AS/400 session.

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Chapter 8 Setting Up General and New Users in Supervisor

A Business Objects Administrator is set up using the General Supervisor Profile in Supervisor. All other users are set up with the Supervisor profile.

As a general rule, you should create a secondary (backup) General Supervisor profile in the Supervisor application. This way, in the event that your regular General Supervisor profile becomes disabled or corrupt, you can use the backup General Supervisor profile to log in with administrative rights.

To set up the secondary General Supervisor profile

1 On the **Windows Start** menu, point to **Programs**, point to **Business Objects 5.1**, and then click **Supervisor**.

The User Identification dialog box appears.



- 2 The **User Identification** dialog box, perform the following:
 - a In the User Name box, type BACKDOOR.

You must type BACKDOOR exactly as it appears here in uppercase letters.

b In the **Password** box, type **backdoor**.

You must type backdoor exactly as it appears here in lowercase letters.

Click OK.

The Supervisor message box appears.



3 Click OK.

The Supervisor Backdoor window opens.



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4 On the **User** menu, point to **New**, and then click **User**.



The column on the left side of the window displays a user icon and positions the cursor for entry of the user ID.

6 Supervisor - BACKDOOR (BOREP	0)					
File Edit View User Resource Tools	Help					
@ <u>* 6 6 5 6 5 6</u>	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		邇 極 ▶	?		
Computer Guidance Corporation	Name Deignet UburiesSblecto Spervico BusinesGuey Webintelligence	Interited From Computer Guida.				
s 🔲 🗴	Configuration U	niverse Stored P	rocedure	Document	Repository	J

5 Enter the Business Objects Administrator User ID.

Note This ID must match the user ID set up in CMS AS/400 Security.

- 6 Press Enter.
- 7 Right-click the new user name, and then select **Properties**.

The User Properties - New User window displays.

Definition Groups And Profile Timestamp The Definition tab specifies a user na enter when starting a BusinessObject	ame and password which the user must ts application.
User	Security
Name:	Password:
NewUser	
	Confirm Password:
Disable Login Disable Login Enable Offline Login Enable Password Modification Enable Real Time User Rights Update Enable Delete Document	Change Password At First Login Password Validity Output Days Periodic Action Identification Strategy:
Ubject Security Level:	Identification Strategy:
Public	No Password Checking
	OK Cancel <u>H</u> elp

- 8 On the User Properties New User dialog box, on the General tab, perform the following:
 - a Verify the user name is correct.
 - **b** Accept the default **Enable Offline Login** and **Enable Delete Documentation** properties.
 - **c** Do not enter a password.
 - d In the Identification Strategy drop-down list, select No Password Checking.
 - e Select other options listed per your company specifications.

f Click the Groups and Profiles tab.

lser Prope	rties - NewUse	2 r				2
Definition	Groups And Pro The Groups ta also lets you r	ofile Timestamp	er to a defini group.	ed user group.	The Groups tab	
Availabl	e groups	<u>A</u> dd >> << <u>R</u> emove	Profile	Group	<u>Цр</u> Down	
			Profile: User OK	Ca	ncel <u>H</u> elp	1

- 9 On the **Groups and Profile** tab, perform the following:
 - a Select the user name.
 - **b** In the **Profile** drop-down list, select the appropriate profile, and assign that profile to the Business Objects Administrator.

This provides all access rights.

The security levels include:

- General Supervisor
 Can create or modify the repository architecture and can perform any task in Business Objects.
- Supervisor

Has responsibility for daily administrative tasks including creating and managing user logins, assigning documents to users, and moving users between various information and configuration groups.

- Supervisor Designer Manages Universe distribution, universe configuration on a user or group basis, and manages designers.
- User

Can access user modules within Business Objects.

- Versatile Can access modules defined by a supervisor.
- Click OK.

The Business Objects Administrator with the General Supervisor profile is now available.

10 Repeat the process to add additional users giving them the appropriate security levels.

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Resetting the Database Engine (for Upgrades Only)

Note You should only need to reset the database engine versions if you upgrade Client Access to 5.1 to iSeries Access V5R2, or if you upgrade the AS/400 to V5R2 or later.

Resetting the Database Engine for the Repository Connection

- 1 On the Start menu, point to Programs, select Business Objects 5.1, and then click Supervisor.
- 2 The User Identification dialog box, perform the following:
 - a In the **User Name** box, enter the appropriate Supervisor user name.
 - **b** In the **Password** box, the appropriate Supervisor password.
 - C Click OK.

The Supervisor message box opens.



- 3 Click OK.
- 4 On the **Tools** menu, click **Connections**.

The Connections dialog box opens.

vailable Connection	15		
Name	Type	Network Layer	Database Engine
CMSFIL	Secured	IBM Client Access	DB2/400 V5

- 5 Select CMSFIL, and then click Edit.
- 6 Continue to "<u>Resetting the Document and Universe Engines</u>" on page <mark>67</mark>.

Resetting the Document and Universe Engines

Note You should only need to reset the database engines if you upgrade Client Access V5R1 to iSeries Access V5R2, or if you upgrade the AS/400 to V5R2 or later.

To reset the document and universe engines

1 In Supervisor, on the Tools menu, click Repository. The Repository Management dialog box appears.

2 Select **Document**, and then click **Modify**.

The Define Repository Connection window opens.



3 Click Setup.

The IBM iSeries Access for AS400 dialog box opens.

4 In the IBM iSeries Access for AS400 dialog box, perform the following:

Business Objects 5.1.9 Installation Guide
- In the Database engine drop-down list, select DB2/400 V5. а
- **b** Ensure that the **Use BusinessObjects user name and** password check box is selected.
- In the Data source name box, select Repository, and then С click OK.
- 5 On the **Define Repository Connection** window, click **Finish**. When you click Finish, you return to the Repository Management dialog box.

6 On the Repository Management dialog box, select Universe, and then click Modify.

The Define Repository Connection window opens.



7 Click Setup.

The Client Access Login dialog box opens.

8 In the IBM iSeries Access for AS400 dialog box, perform the following:

0 Business Objects 5.1.9 Installation Guide

- In the Database engine drop-down list, select DB2/400 V5. а
- **b** Ensure that the **Use BusinessObjects user name and** password check box is selected.
- In the Data source name box, select Repository, and then С click OK.
- 9 On the Define Repository Connection window, click Finish, and then close Supervisor.



Before you can install universes, you must create the connection to CMSFIL, which is explained in "<u>Creating the Connection to CMSFIL</u>" on page 74.

Creating the Connection to CMSFIL

You only need to create the connection to CMSFIL if it does not already exist. If you are not sure if it already exists, perform step 1 below.

To create the connection to CMSFIL

1 Open Supervisor

Edit View User Resource	Tools Help				
	Delete Universe Delete Document Delete List of Values Delete Script				
	Purge Inbox Documents				
	Categories				
	Connections				
	Repagitory Manage Predefined Settings				
	Import Universes Export Universes				
	Login As Change Password				
	Run	•			
	Options				
	Configuration Universe Sto	red Procedure	Document	Repository	

- 2 Select Tools
- 3 Select Connections
- 4 In Supervisor, on the Tools menu, click Connections.

The **Connections** dialog box opens.

	×
File Edit View User Resource Tools Help	
a xee : 1 2000 1200 10 : 8	
P 📾 CGC Inharted From	
RACKDOOR Connections	- 1
Here you find the list of connections you can use to access data.	
Available Connections	
Name Type Network Layer Database Engine	
Add Remove Edit. Test	
OK Cancel Help	
	_
Configuration Universe Stored Procedure Document Repository	

In this example, in the Available Connections area, CMSFIL is listed. If CMSFIL already exists in your list of available connections, you can close this dialog box and skip ahead to "<u>Close Supervisor</u>," on page 78. If CMSFIL does not exist in the list, then continue to step 2 below.

5 In the **Connections** dialog box, click **Add**.

The Add a connection dialog box opens.

Add a connection	×
Select the network driver you want to use. Then click OK to define parameters for the connection.	
Network Layer:	
IBM Client Access for AS400 IBM DB2 CAE ODBC Drivers	
Description	
Allows you to access an IBM DB2/400 database	4
OK Cancel Help	

Creating a Secured Connection to CMSFIL

6 In the Add a connection dialog box, in the list of network layers, select IBM Client Access for AS400, and then click OK.

The IBM Client Access for AS400 dialog box opens.

- 7 In the IBM Client Access for AS400 dialog box, on the Login tab, perform the following:
 - a In the Database engine drop-down list, select DB2/400 V5.
 - b Select Use BusinessObjects user name and password.

When you select Use BusinessObjects user name and password, the User name and Password boxes in the IBM Client Access for AS400 dialog box become unavailable.

c In the Data Source name drop-down list, select CMSFIL Connection.

The Type drop-down list should be Secured.

- Instanced on			
ame:		Database engine	¢
CMSFIL		DB2/400 V5	•
Login Parameters			
	🔽 Use Busines	ssObjects user name and p	password
User name:			ODBC Admin
Password:			
Data source name:	CMSFIL	•	Test
Туре:	Secured	T	

- d Click **Test** to test the connection.
- e Select Advanced Tab
- f Select Disconnect After Each Transaction.

g

IBM Client Access for AS400	
Login Advanced Custom Connection Properties C Keep the connection active du Keep the connection active for Disconnect after each transact	uring the whole session w 0 \div minutes
Connection Mode CUse asynchronous mode Use synchronous mode Array fetch size: 50	Cost Estimate C Do not perform the cost estimate C Perform the cost estimate
	OK Cancel Help

The Test Connection message box opens.

×
OK
Details >>

h Click OK, and then in the IBM Client Access for AS400 dialog box, click OK.

8 In the **Connections** dialog box, in the **Available Connections** list, ensure that CMSFIL is listed, and then click **OK**.

Connections				
Available Connections				
Name	Type	Network Laver	Database Engine	
	Secured	IBM Client Access	DB2/400 V5	
Add	Remove	Edit	Test	1
		ОК Са	ancel Help	

9 Close Supervisor.



You install and update universes for Business Objects from the Computer Guidance web site at <u>www.computer-guidance.com</u>.

The process of installing universes actually involves two steps

- 1 You must first download the universes from the Computer Guidance Corporation web site (see "Downloading Universes" on page 70).
- 2 Then you export the universes (see "Installing Universes" on page 76).

To download universes

1 On the Computer Guidance Corporation home page, on the Customers menu, point to Product Support, and then select Business Intelligence.

The Login to Computer Guidance Corporation page appears.



- 2 On the Login to Computer Guidance Corporation page, perform the following:
 - a In the Username/Customer Number box, enter the BusObj customer number.
 - **b** In the **Password/Zip Code** box, enter the Zip code.
 - c Click Login.

The Customer Center page appears.



a Scroll to the Products Update dialog box.

On the **Customer Center** page, when you scroll down, the universes are listed with the last date they were updated.



3 On the Business Intelligence Support page, click the appropriate universe you want to download.

Note You can download universes only for the modules purchased.

The Employee Universe page opens.

Computer Guidance Corpora	tion - Microsoft Internet Explorer			×
File Edit View Favorites	Tools Help			
] ↓=8ack • → • 🕲 🗗 🖾	🛛 🐼 Search 🔚 Favorites 🎯 Medi			
Address in http://www.compute	r-guidance.com/Support/BusinessObjects	/employeeunvent.asp	- e	Go
Computer Guid	ance corporation	E	10ME 2 8 6 10910	3
Products	EUSINESS INTELLIGENCE	Employee Univers	e	
Services				
Product Demos	Please fill in the form bel staff give you better ser	ow to download the updat vice in the future.	te. This information will help our	
	Customer Number:	Email Address:	Contact Name:	
	Update Type:	Version:	Date:	
	Employee Universe	Any	Tue Feb 11 17:05:32 20	
			Submit	
				*
ð			🔹 Internet	1

- 4 On the **Employee Universe** page, perform the following:
 - In the Customer Number box, enter the customer number. a
 - In the **Email Address** box, enter an email address. b
 - In the **Contact Name** box, enter a contact name. С
 - d Click Submit.

The Employee Universe - Installation Instructions page opens.



- 5 On the **Employee Universe Installation Instructions** page, perform the following:
 - a Review the information.
 - **b** Click the appropriate **Universe icon**.
 - c In the File Download dialog box that appears, select Save this program to disk, and then click OK.
 - d In the Save As dialog box that opens, navigate to the Universe folder under Business Objects, and then click Save.

A progress indicator window opens showing the files being copied.

For example, save each universe to C:\Program Files\Business Objects\Business Objects 5.1\Universes.

e Repeat steps 3 through 5 for each universe.

Once saved to the Universe folder, you need to export each universe one at a time.

Although you can select all the universes and it appears they were successfully exported, only the first universe actually exports if you select more than one to be exported.

6 Continue to "Installing Universes" on page 84.

Installing Universes

1 If Supervisor is not already open, on the **Start** menu, point to **Programs**, point to **Business Objects 5.1**, and then click **Supervisor**.

The User Identification dialog box appears.

lser Identificati	on	
	Enter your name and password to log in.	
<u>U</u> ser Name:		ОК
Password		Cancel
		Admin
		Help

- 2 In the **User Identification** dialog box, perform the following:
 - **a** In the **User Name** box, enter a valid Supervisor user name.
 - **b** In the **Password** box, enter a valid Supervisor password, and then click **OK**.
- 3 On the **Supervisor** window, on the **Tools** menu, click **Export Universes**.

The Export Universe dialog box opens.

Export Unive	rse		×
4	Select the target univers to the universe(s) to be a unlock a universe. A gra has locked the universe	e domain and the group exported. Double-click t wed padlock means sor	os to assign o lock or neone else
Domain:	Universe		•
Groups:			
Universes: -			
File Name		Universe Name	
	Parameters	Add	Remove
	OK.	Cancel	Help

4 In the **Export Universe** dialog box, click **Add**.

The Universe to Export dialog box opens.

Universe to E	кport						? ×
Look in: 🔂	Universe	•	der.	£	ď*	•	
BEACH.UN EFASHION EVALKIT.U LEASE_EN.	V .UNV NV UNV						
File name:	<u> </u>					Open	
Files of type:	BusinessObjects universes (*.unv)	_		·		Cance	

5 In the Universe to Export dialog box, select the Universe to export, and then click Open.

The Export Universe dialog box opens.

Export Unive	rse	X
A	Select the target universe d to the universe(s) to be exp unlock a universe. A grayed has locked the universe.	lomain and the groups to assign orted. Double-click to lock or I padlock means someone else
<u>D</u> omain:	Universe	-
<u>G</u> roups:		
Universes: -		
C:\Prog	ram Files\Business Objects\B	Employee Universe 4.0
	Parameters	Add <u>R</u> emove
	OK	Cancel <u>H</u> elp

6 In the Export Universe dialog box, click Parameters.

The Universe Parameter dialog box opens.

stinition	
1	The following information identifies the universe. A universe i defined by its name and database connection:
a <u>m</u> e:	-
escription:	
nnection:	
	OK Cased Help

 On the Universe Parameter dialog box, in the Connection dropdown list, select the CMS default library, and then click OK.
 In the example above, the default library is CMSFIL.

Installing Business Query

Business Query is installed using the Business Query product key (the same process as a Business Object key).

- 1 After Business Objects is installed on a user machine (using the Business Query product key), open Excel.
- 2 On the Tools menu, click Addins.
- 3 In the Addins dialog box, click **Browse**.
- 4 Navigate to Business Objects | Business Objects 5.1
- **5** Locate and double-click the **bqapi.xll** file.
 - Note that Business Objects 5.1 was added to the **addins** list.
- 6 Click OK.

Business Query is now part of the menu bar.



In order for all users to access Business Objects, the domain connections names must be changed using Supervisor.

The following process is completed for both the Document and the Universe domains. Once the Document domain has been setup, repeat these steps to setup the Universe domain.

1 Open Business Objects Supervisor, and select the Repository icon.



2 The **Repository Management** screen appears.

Repository Manage	ment			\mathbf{X}		
The Repository Management dialog box lets you add, remove or modify some elements of the repository.						
Name	Туре	Database Engine	Network Layer	Connection		
BusinessObjects Documer Universe	Security Document Universe	DB2/400 V5 DB2/400 V5 DB2/400 V5	IBM Client Acce IBM Client Acce IBM Client Acce	BO_DRV_CON BO_DRV_CON BO_DRV_CON		
Add	Delete M	fodify Test	: Integrity	Scan		
	J		Clo	se Help		

Select the Document domain, and then click Modify.

3 The **Define the Repository Connection** screen appears.

Domain Modification Wizard	
	Define the Repository Connection To build this repository, you need to define a connection to a relational database. To create a repository, you must have write access. Select the network layer IBM Client Access for AS400 Click Setup to define the connection Setup

Click Setup.

4 The IBM Client Access for AS400 screen displays.

IBM Client Access for	\\$400			×
Login Advanced Cust	om			
Name: Repository Connection		Database engine:	•	
Login Parameters		Jerenterter		
	Use BusinessObj	ects user name and p	assword	
User name:			ODBC Admin	
Password:				
Data source name:	Repository	•	Test	
			. (
		OK Cance	Help	

- a For the Database Engine, select DB2/400 V5 from the dropdown menu.
- **b** Then, check **Use Business Objects user name and** password.
- c Leave the User Name and Password areas blank.
- d In the Data Source Name drop-down menu, select Repository, and then click OK.
- e Disconnect after each transaction:
 - Select the Advanced Tab. •
 - Select **Disconnect** after each transaction (do not select ok).

 Select Login. 		
IBM Client Access for AS400		×
Login Advanced Custom Connection Properties Keep the connection active Keep the connection active Connection Mode Connection Mode Use asynchronous mode Array fetch size: 50	e during the whole session for 0	
	Table suffix:	
	OK Cancel Help	
5 The Define Repositor	y Connection screen displays.	
Domain Modification Wizard		
T	 efine the Repository Connection To build this repository, you need to define a connection to a relational database. To create a repository, you must have write access. Select the network layer IBM Client Access for AS400 Click Setup to define the connection Setup 	
	Fhish Cance	el

a Click Finish.

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- **b** Go back to page ___ and repeat this process for the "Universe Domain.
- c Close Supervisor.

Security Domain Setup

When the Document and Universe domains are set up in the Repository, you must set up the Business Objects security domain to ensure security.

To set up the Security Domain:

1 Open Windows Explorer, navigate to C:\Program Files\Business Objects\Business Objects 5.0\LocData, and then open LocData.



- a Delete the **BOMain.key** or create a backup.
- b Then delete BOMain.lsi and Workgroup.lsi.
- c Close Windows Explorer, and then open Supervisor.

	Enter your name and password to log in.	
Jser Name:	GENERAL	- OK
Password:	NNNNNNKK	Cancel
		Admin
		Help

- 2 In the **Supervisor User Indentification** window, enter **GENERAL** (in all caps) for the **User Name** and enter **SUPERVISOR** (in all caps) for the **Password**. Then, click on **Admin**.
- 3 The Welcome to Administration Setup screen displays.



Click Begin.

4 The Choose Setup Configuration screen appears.

Select Run a Safe Recovery, and then click Next.

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5 The Define Repository Connection screen appears.



Click Setup.

6 The IBM Client Access for AS/400 screen appears.

Repository Connection	DB2/400 V5
Login Parameters	
	Use BusinessObjects user name and password
User name:	ODBC Admin
Password:	
Data source name:	Repository Test

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- a For the **Database Engine**, select **DB2/400 V5** from the dropdown menu.
- **b** Then, check **Use Business Objects user name and password**.
- c Leave the User Name and Password areas blank.
- **d** In the **Data Source Name** drop-down menu, select **Repository**, and then click **OK** (do not test).
- 7 The **Define Repository Connection** screen appears.

Administration Setup Wizard	- Step 2/3
	Define the Repository Connection To redefine the repository, you need to redefine the connection parameters. • Select the network layer IBM Client Access for AS400 • Click Setup to define the connection Setup Click Next to continue.
	< Back Next > Cancel

Click Next.

Note No repository checking is done when variables are used for the connection displays. This indicates that security will not be checked at the Business Objects level.

Administration Setup Wizard - Stop 2/3
Define the Repository Connection To redefine the repository, you need to redefine the connection parameters.
Supervisor 🔀
No repository checking when variables are used for the connection.
Click Next to continue.
< Back Next > Cancel

Click OK.

8 The Define Repository Access screen appears.



- a Click on In the LocData subfolder of the Business Objects folder.
- **b** Verify the key file name is **BOMain**, and then click **Next**.

The Repository Access screen displays indicating that the С BOMain.key file was created successfully.



9 The Supervisor User Identification screen opens.

	Enter your name and password to log in.	
User Name:	USMITH	
Password:	REPRESENCE	Cancel
		Admin
		Help

Use your current User Name and Password to open а Supervisor, and then click OK.



b Login into **Supervisor**, and then verify the **Security Domain**.

Select the Repository icon. С

10 The Repository Management screen displays.

Repository Manager	ment			
The Reporter Providence Providenc	ository Management Domains	dialog box lets you ac	ld, remove or modify	same elements of the
Name	Туре	Database Engine	Network Layer	Connection
BusinessObjects Document Universe	Security Document Universe	D82/400 V5 D82/400 V5 D82/400 V5	IBM Client Acce IBM Client Acce IBM Client Acce	B0_DRV_GONVS B0_DRV_CON B0_DRV_CON
Add	Delete Mo	dify Test	Integrity	Scan
			Clo	se Help

Place your cursor at the right edge of the Connection Bar а (circled). When the cursor changes to double arrows, double click on it.

Re	pository Manage	ment			
Ć	The Rep repository	ository Managem Domains	ient dialog box lets you ar	dd, remove or modify	some elements of the
1	Name	Туре	Database Engine	Network Layer	Connection
	BusinessObjects Document Universe	Security Document Universe	DB2/400 V5 DB2/400 V5 DB2/400 V5	IBM Client Acce IBM Client Acce IBM Client Acce	BO_DRV_CONNEC BO_DRV_CONNEC BO_DRV_CONNEC
	Add	Delete	Modify Tes		se Help

- b Select the Scroll Bar and slide to the right.
- Make sure that all the domains display as listed below: С

pository Management 🛛 🔀
The Repository Management dialog box lets you add, remove or modify some elements of the repository.
Available Repository Domains
10 DSN=Repository.0DBC_USER=@variable('BOUSER').0DBC_PASSW0RD=@variable('BOPASS');
0 DSN=Repository:0DBC_USER=@variable('BOUSER'):0DBC_PASSW0RD=@variable('BOPASS'); 0 DSN=Repository:0DBC_USER=@variable('BOUSER'):0DBC_PASSW0RD=@variable('BOPASS');
Add Delete Modify Test Integrity Scan
Close Help

Business Objects Security Domain: Repository;ODBC_USER=@variable('BOUSER');ODBC_P ASSWORD=@variable ('BOPASS'); •

- **Document Domain**: Repository;ODBC_USER=@variable('BOUSER');ODBC_P ASSWORD=@variable ('BOPASS'); •
- Universe Domain: Repository;ODBC_USER=@variable('BOUSER');ODBC_P ASSWORD=@variable ('BOPASS'); •
- **d** If all of the domains are displayed correctly, click **OK**.


To be able to drill down between summary and detail files, you must change three Business Object defaults, which are explained below.

To change Business Object defaults

- 1 In Windows Explorer, navigate to **DB2400EN.prm**.
 - Typically, the path is C:\Program Files\Business Objects\DataAccess 5.0\DB2\DB2400EN.prm.
- 2 In Microsoft Notepad, open DB2400EN.prm, and then change the following:

OWNER=N

GROUPBY_EXCLUDE_COMPLEX=N

- 3 On the File menu, click Save.
- 4 In Microsoft Notepad, open DB24V4EN.prm.

Typically, the path is C:\Program Files\Business Objects\DataAccess 5.0\DB2\DB24VEN.prm.

5 Change the following: OWNER=N

GROUPBY_EXCLUDE_COMPLEX=N

6 On the File menu, click **Save**, and then close Notepad.



Appendix A Installing Business Query

Business Query is installed using the Business Query product key (the same process as a Business Object key).

- 7 After Business Objects is installed on a user machine (using the Business Query product key), open Excel.
- 8 On the Tools menu, click Addins.
- 9 In the Addins dialog box, click Browse.
- **10** Navigate to Business Objects | Business Objects 5.1.
- **11** Locate and double-click the bqapi.xll file.

Note Note that Business Objects 5.1 was added to the addins list.

12 Click OK.

Business Query is now part of the menu bar.

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